Input Set : A:\seqlist.txt

Output Set: N:\CRF3\03122001\I782980.raw

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3 <110> APPLICANT: Khodadoust, Mehran M.
              MacBeth, Kyle J.
              Busfield, Samantha J.
      6
              McCarthy, Sean A.
              Holtzman, Douglas A.
              Gu, Wei
      9
              White, David
              Pan, Yang
     10
     12 <120> TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
              STMST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
     13
     14
              THEREFOR
     16 <130> FILE REFERENCE: MNI-121CP
C--> 18 <140> CURRENT APPLICATION NUMBER: US/09/782,980
C--> 19 <141> CURRENT FILING DATE: 2001-02-13
     21 <150> PRIOR APPLICATION NUMBER: PCT/US00/02125
     22 <151> PRIOR FILING DATE: 2000-01-27
                                                                      ENTERED
     24 <150> PRIOR APPLICATION NUMBER: 09/448,076
     25 <151> PRIOR FILING DATE: 1999-11-23
     27 <150> PRIOR APPLICATION NUMBER: 09/276,400
     28 <151> PRIOR FILING DATE: 1999-03-25
     30 <150> PRIOR APPLICATION NUMBER: 60/117,580
     31 <151> PRIOR FILING DATE: 1999-01-27
     33 <150> PRIOR APPLICATION NUMBER: 09/014,195
     34 <151> PRIOR FILING DATE: 1998-01-27
     36 <150> PRIOR APPLICATION NUMBER: 09/014,348
     37 <151> PRIOR FILING DATE: 1998-01-27
     39 <150> PRIOR APPLICATION NUMBER: 09/086,892
     40 <151> PRIOR FILING DATE: 1998-05-29
     42 <150> PRIOR APPLICATION NUMBER: 09/296,208
     43 <151> PRIOR FILING DATE: 1999-04-21
     45 <150> PRIOR APPLICATION NUMBER: 09/063,950
     46 <151> PRIOR FILING DATE: 1998-04-21
     48 <150> PRIOR APPLICATION NUMBER: 09/561,381
     49 <151> PRIOR FILING DATE: 2000-04-28
     51 <150> PRIOR APPLICATION NUMBER: 09/561,810
     52 <151> PRIOR FILING DATE: 2000-04-28
     54 <150> PRIOR APPLICATION NUMBER: 09/087,121
     55 <151> PRIOR FILING DATE: 1998-05-29
     57 <150> PRIOR APPLICATION NUMBER: 09/672,721
     58 <151> PRIOR FILING DATE: 2000-09-28
     60 <150> PRIOR APPLICATION NUMBER: 09/049,799
     61 <151> PRIOR FILING DATE: 1998-03-27
     63 <160> NUMBER OF SEQ ID NOS: 176
     65 <170> SOFTWARE: PatentIn Ver. 2.0
     67 <210> SEQ ID NO: 1
     68 <211> LENGTH: 991
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69 <212> TYPE: DNA

Input Set : A:\seqlist.txt

Cutput Set: N:\CRF3\03122001\I782980.raw

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Input Set : A:\seqlist.txt

Output Set: N:\CRF3\03122001\I782980.raw

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149 Leu Cys Ser Val Asp Asn His Gly Leu Arg Arg Cys Leu Ile Ser Thr
150
152 Asp Met His His Ile Glu Glu Ser Phe Gln Glu Ile Lys Arg Ala Ile
             35
                                 40
153
155 Gln Ala Lys Asp Thr Phe Pro Asn Val Thr Ile Leu Ser Thr Leu Glu
                             55
156
158 Thr Leu Gln Ile Ile Lys Pro Leu Asp Val Cys Cys Val Thr Lys Asn
                         70
                                              75
159 65
161 Leu Leu Ala Phe Tyr Val Asp Arg Val Phe Lys Asp His Gln Glu Pro
                     85
                                          90
162
164 Asn Pro Lys Ile Leu Arg Lys Ile Ser Ser Ile Ala Asn Ser Phe Leu
                100
                                    105
167 Tyr Met Gln Lys Thr Leu Arg Gln Cys Gln Glu Gln Arg Gln Cys His
                                                     125
                                120
            115
168
170 Cys Arg Gln Glu Ala Thr Asn Ala Thr Arg Val Ile His Asp Asn Tyr
                            135
        130
173 Asp Gln Leu Glu Val His Ala Ala Ala Ile Lys Ser Leu Gly Glu Leu
                                             155
                        150
174 145
176 Asp Val Phe Leu Ala Trp Ile Asn Lys Asn His Glu Val Met Ser Ser
                                        170
                                                             175
                    165
177
179 Ala
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184 <211> LENGTH: 531
185 <212> TYPE: DNA
186 <213> ORGANISM: Homo sapiens
188 <220> FEATURE:
189 <221> NAME/KEY: CDS
190 <222> LOCATION: (1)..(531)
192 <400> SEQUENCE: 3
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194 Met Lys Leu Gln Cys Val Ser Leu Trp Leu Leu Gly Thr Ile Leu Ile
195 1
197 ttg tgc tca gta gac aac cac ggt ctc agg aga tgt ctg att tcc aca
                                                                       96
198 Leu Cys Ser Val Asp Asn His Gly Leu Arg Arg Cys Leu Ile Ser Thr
                                                          30
199
                 20
201 gac atg cac cat ata gaa gag agt ttc caa gaa atc aaa aga gcc atc
                                                                       144
202 Asp Met His His Ile Glu Glu Ser Phe Gln Glu Ile Lys Arg Ala Ile
                                 40
203
             35
205 caa get aag gac ace tte eea aat gte act ate etg tee aca ttg gag
                                                                       192
206 Gln Ala Lys Asp Thr Phe Pro Asn Val Thr Ile Leu Ser Thr Leu Glu
                             55
         50
207
209 act ctg cag atc att aag ccc tta gat gtg tgc tgc gtg acc aag aac
                                                                       240
210 Thr Leu Gln Ile Ile Lys Pro Leu Asp Val Cys Cys Val Thr Lys Asn
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Input Set : A:\seqlist.txt

Output Set: N:\CRF3\03122001\I782980.raw

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213 ctc ctg gcg ttc tac gtg gac agg gtg ttc aag gat cat cag gag cca
                                                                       288
214 Leu Leu Ala Phe Tyr Val Asp Arg Val Phe Lys Asp His Gln Glu Pro
215
                      85
                                                              95
217 aac ccc aaa atc ttg aga aaa atc agc agc att gcc aac tct ttc ctc
                                                                       336
218 Asn Pro Lys Ile Leu Arg Lys Ile Ser Ser Ile Ala Asn Ser Phe Leu
 219
                100
                                     105
                                                         110
221 tac atg cag aaa act ctg cgg caa tgt cag gaa cag agg cag tgt cac
                                                                       384
222 Tyr Met Gln Lys Thr Leu Arg Gln Cys Gln Glu Gln Arg Gln Cys His
223
            115
                                 120
225 tgc agg cag gaa gcc acc aat gcc acc aga gtc atc cat yac aac tat
                                                                       432
226 Cys Arg Gln Glu Ala Thr Asn Ala Thr Arg Val Ile His Asp Asn Tyr
227
        130
                            135
229 gat cag ctg gag gtc cac gct gcc att aaa tcc ctg gga gag ctc
                                                                       480
230 Asp Gln Leu Glu Val His Ala Ala Ile Lys Ser Leu Gly Glu Leu
231 145
                        150
                                             155
233 gac gtc ttt cta gcc tgg att aat aag aat cat gaa gta atg tcc tca
                                                                       528
234 Asp Val Phe Leu Ala Trp Ile Asn Lys Asn His Glu Val Met Ser Ser
235
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                                         170
                                                             175
237 gct
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238 Ala
241 <210> SEQ ID NO: 4
242 <211> LENGTH: 153
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
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                                         10
250 Phe Gln Glu Ile Lys Arg Ala Ile Gln Ala Lys Asp Thr Phe Pro Asn
251
                 20
253 Val Thr Ile Leu Ser Thr Leu Glu Thr Leu Gln Ile Ile Lys Pro Leu
254
             35
                                 40
256 Asp Val Cys Cys Val Thr Lys Asn Leu Leu Ala Phe Tyr Val Asp Arg
257
                             55
259 Val Phe Lys Asp His Gln Glu Pro Asn Pro Lys Ile Leu Arg Lys Ile
260 65
                     70
                                      75
262 Ser Ser Ile Ala Asn Ser Phe Leu Tyr Met Gln Lys Thr Leu Arg Gln
263
                     85
265 Cys Gln Glu Gln Arg Gln Cys His Cys Arg Gln Glu Ala Thr Asn Ala
                100
                                    105
268 Thr Arg Val Ile His Asp Asn Tyr Asp Gln Leu Glu Val His Ala Ala
269
            115
                                120
                                                    125
271 Ala Ile Lys Ser Leu Gly Glu Leu Asp Val Phe Leu Ala Trp Ile Asn
272
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274 Lys Asn His Glu Val Met Ser Ser Ala
275 145
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278 <210> SEQ ID NO: 5
279 <211> LENGTH: 178
280 <212> TYPE: PRT
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Input Set : A:\seqlist.txt

Cutput Set: N:\CRF3\03122001\I782980.raw

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288
                 20
290 Phe Pro Gly Asn Leu Pro Asn Met Leu Arg Asp Leu Arg Asp Ala Phe
                                  40
291
             35
293 Ser Arg Val Lys Thr Phe Phe Gln Met Lys Asp Gln Leu Asp Asn Leu
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                              55
294
296 Leu Leu Lys Glu Ser Leu Leu Glu Asp Phe Lys Gly Tyr Leu Gly Cys
                         70
                                              75
297 65
299 Gln Ala Leu Ser Glu Met Ile Gln Phe Tyr Leu Glu Glu Val Met Pro
300
                     85
                                          90
302 Gln Ala Glu Asn Gln Asp Pro Asp Ile Lys Ala His Val Asn Ser Leu
                100
                                     105
303
305 Gly Glu Asn Leu Lys Thr Leu Arg Leu Arg Leu Arg Arg Cys His Arg
                                                     125
306
            115
                                 120
308 Phe Leu Pro Cys Glu Asn Lys Ser Lys Ala Val Glu Gln Val Lys Asn
                            135
                                                 140
        130
311 Ala Phe Asn Lys Leu Gln Glu Lys Gly Ile Tyr Lys Ala Met Ser Glu
                                             155
                        150
312 145
314 Phe Asp Ile Phe Ile Asn Tyr Ile Glu Ala Tyr Met Thr Met Lys Ile
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                                                             175
315
                    165
317 Arg Asn
321 <210> SEQ ID NO: 6
322 <211> LENGTH: 178
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Mus musculus
329 <400> SEQUENCE: 6
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331
333 Arg Ile Ser Arg Gly Gln Tyr Ser Arg Glu Asp Asn Asn Cys Thr His
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                 20
336 Phe Pro Val Gly Gln Ser His Met Leu Leu Glu Leu Arg Thr Ala Phe
             35
337
339 Ser Gln Val Lys Thr Phe Phe Gln Thr Lys Asp Gln Leu Asp Asn Ile
                              55
340
342 Leu Leu Thr Asp Ser Leu Met Gln Asp Phe Lys Gly Tyr Leu Gly Cys
343
     65
345 Gln Ala Leu Ser Glu Met Ile Gln Phe Tyr Leu Val Glu Val Met Pro
346
                     85
                                          90
348 Gln Ala Glu Lys His Gly Pro Glu Ile Lys Glu His Leu Asn Ser Leu
                100
                                     105
349
351 Gly Glu Lys Leu Lys Thr Leu Arg Met Arg Leu Arg Arg Cys His Arg
            115
                                120
                                                     125
352
354 Phe Leu Lys Cys Glu Asn Lys Ser Lys Ala Val Glu Gln Val Lys Ser
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MI

Please Note:

Use f n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing t ensure that a c rresp nding explanation is presented in the <220> to <223> fields of ach sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/782,980

DAIE: 03/12/2001
TIME: 10:21:58

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\03122001\I782980.raw

L:18 M:270 C: Current Application Number differs, Replaced Application Number L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:1088 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:13 L:1088 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13 L:1088 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:13 L:1091 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:13 L:1091 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13 M:340 Repeated in SeqNo=13 L:1094 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:13 L:1094 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13 L:2868 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:42 L:2868 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:42 L:2868 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:42 L:4587 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:63 L:4587 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:63 L:4587 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:63 L:4590 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:63 L:4590 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:63 M:340 Repeated in SeqNo=63 L:4611 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:64 L:4611 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:64 L:4611 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:64 L:4614 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:64 L:4614 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:64 M:340 Repeated in SeqNo=64 L:4617 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:64 L:4617 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:64 L:4639 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:65 L:4639 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:65 L:4639 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:65 L:4642 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:65 L:4642 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:65 M:340 Repeated in SeqNo=65 L:4645 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:65 L:4645 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:65 L:6061 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:76 L:6061 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:76 L:6061 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:76 L:6064 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:76 L:6064 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:76 M:340 Repeated in SeqNo=76 L:6116 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:77 L:6116 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77 L:6116 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:77 L:7273 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:127 L:7273 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:127 L:7273 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:127 L:7307 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:128

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/782,980

DATE: 03/12/2001

TIME: 10:21:58

Input Set : A:\seqlist.txt

Cutput Set: N:\CRF3\03122001\I782980.raw

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